

19980223.qrp v01_n010.qrs.980223

Date: Mon, 23 Feb 1998 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1010

QRP-L Digest 1010

Topics covered in this issue include:

- 1) [4530] Re: Vertical wire help
by "Ken Hanks" <kennfd@ibm.net>
- 2) [4531] 00ps! - Re: Pixie, KnightSMiTe SWBC Trap
by Joseph Everhart <n2cx@voicenet.com>
- 3) [4532] 38S Enclature Inviso-Ray victims?
by doug hauff <slmachco@fix.net>
- 4) [4533] Death of a Vertical
by jdenison@morelr.com (JOEL DENISON)
- 5) [4534] Re: xtal checker
by Phil <k6ls@prolynx.com>
- 6) [4535] FOX Tomorrow Night
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 7) [4536] Telephone Scam
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 8) [4537] RE: Telephone Scam
by Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
- 9) [4538] KnightSMiTe #27
by Terres Family <terresfm@ncia.net>
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by Jeff Grudin <grudin@pacific.vdbs.com>
- 11) [4540] Carolina Windom
by flyer@hooked.net
- 12) [4541] DSP Help
by Mark Kesner <marklori@visuallink.com>
- 13) [4542] Ten Tec Century 21 for sale
by "Don Minkoff" <ad716@lafn.org>
- 14) [4543] Hi Mound keys
by the one and only <mitch96@pobox.com>
- 15) [4544] CQC Contest Quick Report
by K0su@kktv.com
- 16) [4545] Trade-Trade
by N5JI@aol.com
- 17) [4546] cookies (fwd)
by Bill Down <ve5hq@gpfn.sk.ca>
- 18) [4547] Re: cookies (fwd)
by "Ken Hanks" <kennfd@ibm.net>
- 19) [4548] re cookie story

by Bill Down <ve5hq@gpfn.sk.ca>

20) [4549] cookies agn
by Bill Down <ve5hq@gpfn.sk.ca>

21) [4550] Re: Elmer 101 - your Favorite DVM
by George Gingell <k3tks@u1.abs.net>

22) [4551] Re: Internet Consults
by Roger Hightower <n7kt@earthlink.net>

23) [4552] RE: Internet Consults
by Jeff Grudin <grudin@pacific.vdbs.com>

24) [4553] Re: cookies (fwd)
by Phil Rutledge <rut@mcrut.mv.com>

25) [4554] RE: Dan's not to accept orders from outside USA
by tracy@orlando.com (Tracy)

26) [4555] CQC Contest !
by joel malman <malman@world.std.com>

27) [4556] K0FRP Oner CQC report
by AlK0FRP@aol.com

28) [4557] CQC RESULTS
by n0bf@juno.com (Stephen C Stuntz)

29) [4558] AL7FS CQC Minimal Results
by "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei"
<larsennc@alaska.net>

30) [4559] CW Weekend To Remember!
by Dave Fifield <fifield@pacbell.net>

31) [4560] Re: Elmer 101 - Your favorite DVM??
by Chris Cartwright <ccart@dns.vidtel.com>

32) [4561] Forum info
by K4NK@aol.com

33) [4562] Elmer Question - Slide Rule/Electrical Engr - base e
by Stanley Wilson <microres@crl.com>

34) [4563] Re: cookies agn
by KB9RPD@aol.com

35) [4564] Re: Elmer Question - Slide Rule/Electrical Engr - base e
by Zack Lau <zlau@arrl.org>

36) [4565] Re: Carolina Windom
by "dave R /kc1di" <elim@ime.net>

37) [4566] Re: DX QRP contest with a real antenna :)
by Zack Lau <zlau@arrl.org>

38) [4567] Re: xtal checker
by Dick G0BPS <R00@kanga.demon.co.uk>

39) [4568] FOX Tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

40) [4569] FDIM List
by kt3a@juno.com (Cameron C.R. Bailey)

41) [4570] Re: Elmer 101 - Your favorite DVM??
by Chuck Carpenter <w5usj@webwide.net>

42) [4571] Re: FOX Tonight
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>

- 43) [4572] FS: For Sale or Swap
by Philip Karras <ke3fl@yahoo.com>
- 44) [4573] MORE QRP MOBILE DX!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 45) [4574] Got my QRP Kits
by Chuck Carpenter <w5usj@webwide.net>
- 46) [4575] FS: HW-9 Station-complete
by "Dick Schneider" <rschneid@ix13.ix.netcom.com>
- 47) [4576] re: HW-9 Parts
by LAYTON FULTON - VE1MT <l.fulton@ns.sympatico.ca>
- 48) [4577] CQC and DCTL World Record???
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 49) [4578] Re: Elmer Question - Slide Rule/Electrical Engr - base e
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 50) [4579] Re: Elmer Question - Slide Rule/Electrical Engr - base e
by Charles Kadesch <chas@digizen.net>
- 51) [4580] Re: DX QRP contest with a real antenna :)
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 52) [4581] Re: DXCC in a day.
by flydnq7x@primenet.com (Floyd Smithberg)
- 53) [4582] ARRL DX
by Monte Stark <ku7y@sage.dri.edu>
- 54) [4583] Re: Dan's not to accept orders from outside USA
by Dick G0BPS <R00@kanga.demon.co.uk>
- 55) [4584] help with oscillator
by "Wayne Barnhart" <wb7whi@triaux.com>
- 56) [4585] RE: Dan's not to accept orders from outside USA
by Steven Weber <kd1jv@moose.ncia.net>
- 57) [4586] QSL ROUTES FOR DX CONTEST
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 58) [4587] Bazooka Antenna Gets Japan on 5 Watts!
by Ed Loranger <we6w@qsl.net>
- 59) [4588] Re: help with oscillator
by torell@sicom.com (Kent Torell)
- 60) [4589] Crumpled Cookie!!
by Bill Down <ve5hq@gpfn.sk.ca>
- 61) [4590] air variable source
by John Evans - N0HJ <jae@codenet.net>
- 62) [4591] Re: DX QRP contest with a real antenna :)
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 63) [4592] Re: Interest in single lever paddle?
by dave_epps@juno.com
- 64) [4593] SMiTe Lives
by dave_epps@juno.com
- 65) [4594] AntennaScope Built
by Ed Loranger <we6w@qsl.net>
- 66) [4595] Re: Crumpled Cookie!!
by "Richard E. Robinson" <rerobins@newmail.uncc.edu>

- 67) [4596] SGC-latest update.
by "Jeff M. Gold" <JGold@tntech.edu>
- 68) [4597] Vertical Wire Help (long)
by ji3m@maxwell.com (James R. Duffey)
- 69) [4598] New K8 Plus keyer/board
by "Jeff M. Gold" <JGold@tntech.edu>
- 70) [4599] Cable for paddles?
by "David Maliniak" <dmaliniak@penton.com>
- 71) [4600] Re: Help with Oscillator
by rflight@VNET.IBM.COM
- 72) [4601] FS- Books
by Charles Kadesch <chas@digizen.net>
- 73) [4602] Re: Crumpled Cookie!!
by "Ray Lowe" <wd5dhk@hotmail.com>
- 74) [4603] Re: DX QRP contest with a real antenna :)
by "Ray Lowe" <wd5dhk@hotmail.com>
- 75) [4604] my gullibility
by LYN WILLIAMS <designserv@ipass.net>
- 76) [4605] RE: Cable for paddles?
by gregoire@endor.com
- 77) [4606] Paddle Cable
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 78) [4607] Re: Cable for paddles?
by Ed Loranger <we6w@qsl.net>
- 79) [4608] Re: Cable for paddles?
by Andy Fox <foxes@theriver.com>
- 80) [4609] CQC Contest
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 81) [4610] Re: ARRL DX QRP with real antennas
by Hank Kohl K8DD <k8dd@contesting.com>
- 82) [4611] Help for the UW project
by Roger Braker <msebrakr@telepath.com>
- 83) [4612] Re: Correction
by Lynn Simons <lsimons1@ix.netcom.com>
- 84) [4613] Re: Cable for paddles?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 85) [4614] Re: High in the Rocky Mtns {New Mexico}
by Lynn Simons <lsimons1@ix.netcom.com>
- 86) [4615] Re: QSL ROUTES FOR DX CONTEST
by Hank Kohl K8DD <k8dd@contesting.com>
- 87) [4616] Project: Antenna Scope on my WEB PAGE
by Ed Loranger <we6w@qsl.net>
- 88) [4617] Elecraft URL\Typo
by k7sz@juno.com
- 89) [4618] Re: FS- Books
by Charles Kadesch <chas@digizen.net>
- 90) [4619] DSP Help
by Mark Kesner <marklori@visuallink.com>

- 91) [4620] FS: Ten Tec Argonaut 505 CW/SSB Station QRP/QRO
by "Dick Schneider" <rschneid@ix19.ix.netcom.com>
92) [4621] Re: FS- Books
by Dick G0BPS <R00@kanga.demon.co.uk>
93) [4622] Re: Cable for paddles?
by "Bob Edwards, W4ED" <w4ed@flash.net>
94) [4623] FS: HW-9 station
by Phil Rutledge <rut@mcrut.mv.com>
95) [4624] Re: CW Weekend To Remember!
by Lynn Simons <lsimons1@ix.netcom.com>
96) [4625] Ant, QRP, DX
by jdenison@morelr.com (JOEL DENISON)
97) [4626] Re: WTB: Index QRP+ with Companion
by Jay Bromley <w5jay@cei.net>
98) [4627] I'm HERE
by Brad Mugleston <bmug@gwl.com>
99) [4628] HW-8 manual/help
by Jim_Sweeden@beavton.k12.or.us (Jim Sweeden)

Date: Sun, 22 Feb 1998 19:05:25 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: <kennfd@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4530] Re: Vertical wire help
Message-ID: <01bd3fee\$bdb0f860\$4f0f48a6@kh>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry, should have been:

4) 1/4 wave is your best bet WITHOUT using a matching transformer at the base.

Ken K1XS@ibm.net

Date: Sun, 22 Feb 1998 19:12:29 -0500
From: Joseph Everhart <n2cx@voicenet.com>
To: ae4ic@nr.infi.net
Cc: qrp-1@Lehigh.EDU, njqrp@njqrp.org, klqrp@waterw.com
Subject: [4531] OOps! - Re: Pixie, KnightSMiTe SWBC Trap
Message-ID: <199802230012.TAA42488@nss4.cc.Lehigh.EDU>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

When I shoot my big mouth off, I do it big time!

I offered some "clarification" on a clever swbc trap circuit that John, KU4AF offered for the SMite. However I misread the circuit and my comments were not correct. His circuit is indeed a series trap circuit at the frequency of an interfering signal with a parallel capacitor to establish an additional parallel resonance at the desired operating frequency. I was totally wrong and I apologize.

I *thought* that I had circuit, but I was sloppy. I had received the mail on a workstation at my place of employment, then shipped the log over to a word processor/publishing aid named Interleaf. (You all know what word processors do to text, don't you?) Well Interleaf does its own formatting and makes mincemeat of ascii drawings. When I reconstituted the drawing, I screwed it up!

So I guess you better just ignore my original comments on the trap. :-(

As Ron, KU7Y say, back in my hole...

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Sun, 22 Feb 1998 16:34:52 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [4532] 38S Enclure Inviso-Ray victims?
Message-ID: <199802230034.QAA25801@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just realized my last paragraph is not correct! About a dozen boxes are unaccounted for,
so you are a victim only if your order was placed before the middle of January and you have not received your enclosure yet! Duh!
72 Doug KE6RIE

Date: Sun, 22 Feb 1998 18:38:31 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [4533] Death of a Vertical
Message-ID: <199802230038.SAA23313@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dearest all qrp-1 bodies

As the subject suggested, the vertical dipole is no more... I took it, the rope, everything down... :-)

Guess the mountains around here must have affected it... It just didn't work... I got on twenty right afterwards (on the 80mtr dipole) and worked northern ireland ssb at 4w.

I guess the 80 meter antenna is going to do it all... At least till I get another idea worth tromping into the sneaux for... this sure was a big disappointment...

72
joel

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
80 mtr dipole up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Sun, 22 Feb 1998 18:43:29 -0700
From: Phil <k6ls@prolynx.com>
To: KB7WW@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [4534] Re: xtal checker
Message-ID: <34F0D441.77C2C8A0@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Page 93 of the RSGB book- Test Equipment For The Radio Amateur by
Clive Smith, G4FZH Has just the thing for you.

I do belive Kanga US has them (or did).

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Sun, 22 Feb 1998 20:54:56 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [4535] FOX Tomorrow Night
Message-ID: <199802222057_MC2-343D-BEF3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I'm the FOX tomorrow, starting 1800CST (0000Z 24 Feb 98). Starting point
7.042 +/- QRM. Catch me if you can. Will use RIT liberally. Here's
hoping for good propagation.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/288-5108 (eves)

Date: Sun, 22 Feb 1998 18:24:58 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [4536] Telephone Scam
Message-ID: <34F0DDFA.7F4F02E4@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I know this isn't radio related, but it might save you alot of headaches.

My cousin from Seattle sent this to me and I wanted to share it with you all.

Read on:

>
> I was sent this by a friend of mine, please pass on to all of your
> employees, friends and family...
>
> I received a telephone call from an individual identifying himself as
> an AT&T Service Technician that was running a test on our telephone
> lines. He stated that to complete the test I should touch nine (9),
> zero (0), pound sign (#) and hang up. Luckily, I was suspicious and
> refused.
> Upon contacting the telephone company we were informed that by pushing

> 90# you end up giving the individual that called you access to your
> telephone line and allows them to place a long distance telephone
> call, with the charge appearing on your telephone bill. We were
> further informed that this scam has been originating from many of the
local
> jails/prisons. Please "pass the word".

>

--

Chuck Snyder (No_Call_Sign_Yet)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Sun, 22 Feb 1998 21:43:54 -0500 (EST)
From: Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
To: Chuck and Michele Snyder <csnyder@nextdim.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4537] RE: Telephone Scam
Message-ID: <XFMail.980222214354.mulveyr@mulveyr.roc.servtech.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 23-Feb-98 Chuck and Michele Snyder wrote:

> Hi All,
>
> I know this isn't radio related, but it might save you alot of
> headaches.
> My cousin from Seattle sent this to me and I wanted to share it with
> you all.
> Read on:
>

Except, of course, that this is yet another case where people are passing on "warnings" that are almost utterly fanciful, as a few minutes research will show. Check, for example, the page at <http://korova.com/virus/hoax980212.htm> that explains why the "warning" has no relevance at all to 99.99% of the people in the world, and particularly no relevance at all to residential phone users.

ObQRP: Conditions on 10M were *incredible* here in Upstate NY this afternoon. 23 states at 3W using CW in about 2.5 hours. Rather a nice change from the past few years. :-)

- Rich

--

Rich Mulvey
My return address is my last name,
followed by my first initial, @mulveyr.roc.servtech.com
<http://mulveyr.roc.servtech.com>
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Sun, 22 Feb 1998 21:44:44 -0800
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [4538] KnightSMiTe #27
Message-ID: <34F10CCC.62E5@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KnightSMiTe # 27 has been built, no smoke and no motorboat. I love it when something works when I get done. No Q's yet but: Fastest kit I ever put together (if you don't count time building the jig from the ARCI Quarterly). WOW are some of those parts tiny. Putting it together was plug and play the way the KnightLites set it up. Many parts have no markings on them at all. Sirs, you all have made a very nice kit. Thank you.

Jerry AA10F
near Franconia Notch, Presidential Range
In the White Mountains Of New Hampshire

Date: Sun, 22 Feb 1998 19:14:40 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4539] RE: Internet Consults
Message-ID: <34F0E9A0.2FAF@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That is amazing. He must be a much better practitioner than I.

I work hard to listen to what the client is telling me but not make my diagnosis based solely on it. Frequently, their interpretation of what their cat is doing is not correct. Additionally, how many times do you pick up things on an annual physical that the owner never even knew were there? These things could frequently complicate treatment of the primary problem. How many hyperthyroid cats have you diagnosed in cats that the owner felt was eating very well and very active and playful? If I couldn't do a physical, I would have a hard time recognizing this.

With this type of consultation, he couldn't do any diagnostics. Most

cases that would require a consultation would require this.

How would he prescribe medications? I don't think that it would be legal for him to prescribe medications without ever seeing the animal and sending them over state lines.

I, for one, would not work with a specialist known to me only over the internet. It would seem to me that I would be taking all the risk for his practice. If the client (and their attorney) came after someone, guess who it would be.

I don't think that anyone, no matter how good they thought they were, could be an effective veterinarian without the ability to do a physical or diagnostics, and without the benefit of medications.

I think this is a real disservice to the uninformed public. I wonder how many animals will suffer due to practices such as these.

--

73 de Jeff AC6KW
grudin@vdbbs.com

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sun, 22 Feb 1998 19:25:59 +0000
From: flyer@hooked.net
To: qrp-l@Lehigh.EDU
Subject: [4540] Carolina Windom
Message-ID: <199802230324.TAA12061@mom.hooked.net>

What is a Carolina Windom antenna and where could I read something about it?

Thanks in advance.

Mark Smith KF6PIL

Date: Sat, 21 Feb 1998 21:20:31
From: Mark Kesner <marklori@visuallink.com>
To: qrp-1@Lehigh.EDU
Subject: [4541] DSP Help
Message-ID: <3.0.3.16.19980221212031.28afa61c@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just bought a sound card for my computer. To be honest I finally broke down because I needed it for a game. :-) Oh well, I saw all the talk about using the sound card as a DSP filter and I want to try it. I already picked up the aforementioned audio transformer and now I can't find the software! I searched a few shareware sites but no joy. Where did you guys find this stuff? Can I download it or do I have to wait for a hamfest?
Thanks,

Mark KC4GIA

Date: Sun, 22 Feb 1998 20:01:19 -0800
From: "Don Minkoff" <ad716@lafn.org>
To: <qrp-1@Lehigh.EDU>
Subject: [4542] Ten Tec Century 21 for sale
Message-ID: <199802230401.UAA16961@zool.lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I would like to list a Ten Tec rig for a friend.

It is the model Century 21 80 -10 M 30 W. out, solid state rig. It can be powered down to very low QRP levels.

This is a CW only rig. He is asking \$125. So. CA area but can ship.

Len - WB6LMO
c7659@aol.com

Thanks,

Don- NK6A

Date: Sun, 22 Feb 1998 23:08:07 -0500
From: the one and only <mitch96@pobox.com>
To: Qrp-1@Lehigh.EDU
Subject: [4543] Hi Mound keys
Message-ID: <34F0F627.3BCE@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found out more about the history of Hi-Mound from reading Ingram's "Keys Keys Keys" than I have been able to get out of the horse's mouth. [g]

73
Marshall Emm
N1FN/VK5FN

Ok Marshall, I'll bite. What is the web address for Ingram's "keys" x3
btw, what kind of horses does Hi mound use? What do they use horses
teeth for?
hee hee hee.....
--

Mitch, Ww4mL
Eschew Obfuscation!

Date: 22 Feb 1998 21:17:42 -0700
From: K0su@kktv.com
To: qrp-1@Lehigh.EDU
Subject: [4544] CQC Contest Quick Report
Message-ID: <199802230413.XAA54788@nss4.cc.Lehigh.EDU>

Well, I didn't do as well as I hoped. Quick summary was 15,080 points.
Will double check the log tomorrow.

Lots of fun as usual.

73, Rick

K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Sun, 22 Feb 1998 23:13:00 EST
From: N5JI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4545] Trade-Trade
Message-ID: <18609677.34f0f74e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang,

I'm looking for a backup hf rig. Something like a knwd 130s/530s
Yaesu 101zd, Scout/Argo 556 ??? What else do you have ?

I have to trade the following, depending on what you have.

Yaesu FT2500M 2 mtr mobile only 5 weeks old.
Norcal 40a from Wilderness (revision B) built by yours truly.
Knwd PS50 H.D. pwr supply with thermal fan.

All is in perfect condition.

tnx dick n5ji
arci 8826, qrp-l 1054, cqc 459, ak 186.

Date: Sun, 22 Feb 1998 22:22:28 -0600 (CST)
From: Bill Down <ve5hq@gpfn.sk.ca>
To: LIST <qrp-l@Lehigh.EDU>
Subject: [4546] cookies (fwd)
Message-ID: <Pine.SOL.3.91.980222221932.28834C-2000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: MULTIPART/MIXED; BOUNDARY=-----6146572C117C
Content-ID: <Pine.SOL.3.91.980222221932.28834D@GPFN1.GPFN.SK.CA>

This message is in MIME format. The first part should be readable text, while the remaining parts are likely unreadable without MIME-aware tools. Send mail to mime@docserver.cac.washington.edu for more info.

-----6146572C117C

Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Content-ID: <Pine.SOL.3.91.980222221932.28834E@GPFN1.GPFN.SK.CA>

enjoy!!

73> Bill

-----6146572C117C

Content-Type: TEXT/PLAIN; CHARSET=us-ascii; NAME="recipe.txt"

Content-ID: <Pine.SOL.3.91.980222221932.28834F@GPFN1.GPFN.SK.CA>

THIS IS TRUE----PLEASE TAKE THE TIME TO READ IT AND PLEASE SEND THIS TO EVERY PERSON YOU KNOW WHO HAS AN E-MAIL ADDRESS....THIS IS REALLY TERRIFIC.

My daughter & I had just finished a salad at Neiman-Marcus Cafe in Dallas& decided to have a small dessert. Because both of us are such cookie Lovers, we decided to try the "Neiman-Marcus Cookie."

{EDITORIAL COMMENT: Neiman's is a VERY EXPENSIVE department store in the United States}. It was so excellent that I asked if they would give me the recipe and the waitress said with a small frown, "I'm afraid not." Well, I said, would you let me buy the recipe? With a cute smile, she said, "Yes." I asked how much, and she responded, "Only two fifty, it's a great deal!" I said with approval, just add it to my tab. Thirty days later, I received my VISA statement from Neiman-Marcus and it was \$285.00. I looked again and I remembered I had only spent \$9.95 for two salads and about \$20.00 for a scarf. As I glanced at the bottom of the statement, it said, "Cookie Recipe - \$250.00" That's outrageous!! I called Neiman's Accounting Dept. and told them the waitress said it was "two-fifty," which clearly does not mean "two hundred and fifty dollars" by any *POSSIBLE* interpretation of the phrase. Neiman-Marcus refused to budge. They would not refund my money, because according to them, "What the waitress told you is not our problem. You have already seen the recipe - we absolutely will not refund your money at this point." I explained to her the criminal statues which govern fraud in Texas, I threatened to refer them to the Better Business Bureau and the State's Attorney General for engaging in fraud. I was basically told, "Do what you want, it doesn't matter, and we're not refunding your money." I waited, thinking of how I

could get even, or even try and get any of my money back. I just said, "Okay, you folks got my \$250, and now I'm going to have \$250.00 worth of fun." I told her that I was going to see to it that every Cookie lover in the United States with an e-mail account has a \$250.00 cookie recipe from Neiman-Marcus...for free. She replied, "I wish you wouldn't do this." I said, "Well, you should have thought of that before you ripped me off," and slammed down the phone on her. So here it is!!! Please, please, please pass it on to everyone you can possible think of. I paid \$250 for this...I don't want Neiman-Marcus to *ever* get another penny off of this recipe....

NEIMAN MARCUS COOKIES

(Recipe may be halved)

- 2 cups butter
- 4 cups flour
- 2 tsp. soda
- 2 cups sugar
- ** 5 cups blended oatmeal
- 24 oz. chocolate chips
- 2 cups brown sugar
- 1 tsp. salt
- 1 8 oz. Hershey Bar (grated)
- 4 eggs
- 2 tsp. baking powder
- 2 tsp. vanilla
- 3 cups chopped nuts (your choice)

** Measure oatmeal and blend in a blender to a fine powder.
Cream the butter and both sugars. Add eggs and vanilla;
mix together with flour, oatmeal, salt, baking powder,
and soda. Add chocolate chips, Hershey Bar and nuts.
Roll into balls and place two inches apart on a cookie sheet.
Bake for 10 minutes at 375 degrees. Makes 112 cookies.

Have fun!!!

This is not a joke --- this is a true story. Ride free citizens.

-----6146572C117C--

Date: Sun, 22 Feb 1998 23:35:02 -0500

From: "Ken Hanks" <kennfd@ibm.net>

To: <ve5hq@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [4547] Re: cookies (fwd)

Message-ID: <01bd4014\$68527580\$d8d148a6@kh>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 boundary="-----6146572C117C";
 charset="iso-8859-1"

Not this one again!

Date: Sun, 22 Feb 1998 22:40:46 -0600 (CST)
From: Bill Down <ve5hq@gpfn.sk.ca>
To: LIST <qrp-1@Lehigh.EDU>
Subject: [4548] re cookie story
Message-ID: <Pine.SOL.3.91.980222223919.28834P-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I best explain, I am not the one who was defrauded...I am just passing
the message.

73> Bill

Date: Sun, 22 Feb 1998 22:46:06 -0600 (CST)
From: Bill Down <ve5hq@gpfn.sk.ca>
To: LIST <qrp-1@Lehigh.EDU>
Subject: [4549] cookies agn
Message-ID: <Pine.SOL.3.91.980222224221.28834R-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You mean this has been there...done that?? Sorry...didn't know...but the
recipe sounds good...can never get enough cookies!!

Hope it's new to someone..

73> Bill

Date: Sun, 22 Feb 1998 23:48:07 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [4550] Re: Elmer 101 - your Favorite DVM
Message-ID: <Pine.BSI.3.96.980222231632.14673B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Really enjoyed Chuck's list of Do's & Don't's for DVM's and other Fine tools.

I would like to add a couple. Never try to measure a Laser HV Supply with your VTVM on LV or OHM Scale. Even if you do Have a 30 KV HV Probe connected. (Better yet remove the Volt/Ohms test leads and turn off the Meter and start from the beginning) Before you Touch the HV source with a probe. It could save your meter, OR YOUR LIFE!

It is always a good idea to use a little extra care anytime you expect the Juice to be in excess of 100 V ac/dc, whatever...

I used to have a working V7A VTVM. :^) OH, Yea If you are Tired and it is late. Forget it until the next time. It will improve your chances of there being a next time.

Chuck mentioned tapeing up the Brass Shield of the RF Probe such as the one described by Steve, KD1JV. While I agree in principal, I would suggest an alternative. It has been my experience that wrapped Electrical tape will fail sooner or later. 32 years in the Telephone Business teaches a lesson or two. What I recommend for this application is Two Layers of Insulation. If I use Tape, I use a layer of tape with a layer of Heat Shrink Tubing over top of it. If you want extra protection, Start with a layer or two of Teflon (TM) tape over the probe. You can use a small bit of paper tape such as masking to hold it in place to get a wrap started. The ordinary Pipe Joint Plumbers Telon will do a nice job. two or three nice tight wraps of that and then one or two pieces of heat shrink and you are in business for a long time. Works good on your Cutters and Pliers as well. I havn't done my screwdrivers lately, but it works there as well.

In fact my son-in-law tells me that the new Electrical Code requires all Electricians to carry insulated blade screwdrivers. Yet another Good Idea.

OBTW you can still buy the Rubber Dip-It for Tool Handles and RF Probes :^)

If you want to do the Heat Shrink Trick, Use two different size pieces of heat shrink one over the other and heat them at the same time. makes a nice neat job.

If you are prone to blowing out the diodes in your RF probe, You might want to insert your Brass Probe in side a Recycled felt marker pen case. If you Run the Die set over the Brass Tube, you can thread it and make it screw into the plastic pen case.

I like to build them in Recycled Ammunition Casings, you can make them cheap enough and just keep a few in the desk drawer or in the tool box.

OTOH if you only mess with QRP stuff, you should not have much trouble with blowing out the diodes in the first place. :^)

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sun, 22 Feb 1998 21:57:24 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: grudin@pacific.vdbs.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4551] Re: Internet Consults
Message-ID: <34F09F44.5C74D934@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

??

--

72/73, de Roger, N7KT

Date: Sun, 22 Feb 1998 21:03:54 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4552] RE: Internet Consults
Message-ID: <34F10339.15F5@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I've seen it happen to others. Now it has happened to me. Sorry about the previous post. Obviously it was meant for another list.

Please delete it. Must have had too much contesting today.

--

73 de Jeff AC6KW
grudin@vdbs.com

QRP-L #16 Private Practice : Companion Animals and
Exotics
Norcal QRP #1292 Ocean Animal Clinic / Cat Clinic of Santa
Cruz
Santa Cruz,
California

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Mon, 23 Feb 1998 00:06:48 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: qrp-l@Lehigh.EDU
Subject: [4553] Re: cookies (fwd)
Message-ID: <Version.32.199802230000336.00fa9f00@pop.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:22 PM 2/22/98 -0600, you wrote:

>
>enjoy!!
>
>73> Bill
>THIS IS TRUE-----PLEASE TAKE THE TIME TO READ IT AND PLEASE SEND THIS
>TO EVERY PERSON YOU KNOW WHO HAS AN E-MAIL ADDRESS....THIS IS REALLY
>TERRIFIC.

Oh puleeze, I thought this thing died out with the infamous "good times"
virus scare!! Not again!!!

===PSR===

Date: Mon, 23 Feb 1998 00:22:04 -0500
From: tracy@orlando.com (Tracy)
To: "'Arjen.Raateland@vyh.fi'" <Arjen.Raateland@vyh.fi>, "QRP-L (E-mail)" <qrp-
l@Lehigh.EDU>
Subject: [4554] RE: Dan's not to accept orders from outside USA
Message-ID: <01BD3FF1.7A768DA0.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The answer is simple - it's difficult to collect on bad debts outside the
US.

Note that Dan doesn't accept credit cards, either. Using a credit card
makes it easier to do business internationally, as the credit card company
is established in BOTH countries, and has recourse in either direction. Dan
no doubt does this as a hobby, and as such probably does not want to incur
the expenses and effort required to do international trade.

I think Dan's doing pretty well with his operation. No doubt he's been
stung by a bad check, and has decided to keep his operation stateside. When
we made the decision to go International, it was a risky one. We've had to
put a few (expensive) operations in place to ensure that business goes as
planned when dealing abroad. I don't think I would have made that decision
if I was on my own.

Tracy Markham, N4LGH
ByteMark / Amidon
Tracy@bytemark.com
800 679-3184

-----Original Message-----

From: Arjen Raateland [SMTP:Arjen.Raateland@vyh.fi]
Sent: Sunday, February 22, 1998 9:25 AM
To: Low Power Amateur Radio Discussion
Subject: Dan's not to accept orders from outside USA

Folks,

I just read this on the WWW and I really hope it isn't a trend:

Dan's ~ Small Parts and Kits

....

ORDERS NO LONGER ACCEPTED FROM CANADA AND OUTSIDE OF THE UNITED STATES.

I wonder WHY?

73, oh2zaz

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0457

Date: Mon, 23 Feb 1998 00:29:39 -0500
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [4555] CQC Contest !
Message-ID: <199802230529.AA28105@world.std.com>

Folks,

Condx (QRN) was really bad here on the East Coast, esp on 40 meters. I only worked 13 stations during the whole 'test'.

It was fun to "take-over" 15 and 20 meters when the ARRL DX Contest ended. But by then, band conditions on 15m and 20m were going down-hill pretty quick.

Best DX during the CQC test: KL7JAF on 20 meters ... thanks, Bruce. The QSL is already in the mail.

Thanks to the CQC, and 72 to all.

/joel wa1qvm

Date: Mon, 23 Feb 1998 00:32:33 EST
From: AlK0FRP@aol.com
To: qrp-1@Lehigh.EDU
Subject: [4556] K0FRP Oner CQC report
Message-ID: <186101c1.34f109f3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Tired hand from flipping the tx/rx switch on the oner.
1.25 out on 7.040 and 1.75 w out on 7.039 , 1.5w on 7041
stayed on 7039 most of the time. 040 was busy and OJ had 041 so did well on
039.

I did 5 q's on |SSB Waste of time. Did work bill W5SB only QRPer.

71 q's on 40m with the Oner. 18 names and 29 SPC's.

22 members and 49 non. 165,996 first look and first count.

After the contest on simplex 2m 3 of the CQC officers said next time I'll
have to go ONER on a 9v battery , Single wire no tuner. This is getting
tough. But my ONER did well, I have to get a T/R switch built, 5 hours of
flipping a switch. Thanks to all who called .

Al K0FRP

Date: Sun, 22 Feb 1998 23:35:38 -0700
From: n0bf@juno.com (Stephen C Stuntz)
To: qrp-1@Lehigh.EDU
Subject: [4557] CQC RESULTS
Message-ID: <19980222.233539.14382.0.n0bf@juno.com>

My preliminary score was 72000 on 40 meters with 44Q's, 20 states, and 18
names. The first 2 hours were really crowded!

Stephen Stuntz
N0BF

CQC 18

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Feb 1998 23:22:25 -0900
From: "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei" <larsennnc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [4558] AL7FS CQC Minimal Results
Message-ID: <34F131BF.B0DCA0FA@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska:

I was only on the air for about an hour total. I had a sudden near total loss of hearing in my left ear and it kinda scared me so I went QRT at about 0220Z.

My keyer quit so I was straight key for the duration.

I worked:

20 mtr
W5SB The 20 mtr beacon station
N6MM
WB0WQS

I also copied N0TU, N3LAZ, and W0CQC (CQC gave me a QRZ AL? but no QS0)

40 mtr
WE6W - The K Beacon was louder than all the QRP stations.
AC6LA

I also copied W0CQC at 339 and W5SB at 449 but could not break through to them.

Sorry to be such a party pooper. Maybe I will do better next time.

73, Jim, AL7FS

--

Jim Larsen
Acupressure Anchorage
Anchorage, Alaska

Date: Mon, 23 Feb 1998 00:23:59 -0800
From: Dave Fifield <fifield@pacbell.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [4559] CW Weekend To Remember!
Message-ID: <34F1321F.6735@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phew, I'm exhausted! I'm completely CW'ed out after a long weekend of ARRL CW DX'ing with the CQC Sprint following that. I gave up trying to do the DX stuff using QRP....I wasn't getting anywhere - not a single contact! None of them could hear me at all....oh well. With the 500W it was easy. I got tons of new ones towards my DXCC (QRO first, QRP to follow, one step at a time....).

I got far more pleasure and enjoyment from the CQC sprint though. It was much harder - digging around in the noise for you guys! My best DX was on 20m to KL7WAF, Bruce, up there in Alaska - I heard this tiny peanut whistle calling me, wound the DSP in tight and strained to hear him....got the first three characters of his call and realized he was in a null of the antenna. Swung the beam round on him but still had to really dig him out - great fun - made my contest, that one!

I hope you all swung your Al. up that way? I worked a couple of our Canadian bretheren too.

I ended up with 36 contacts (including one QRO station), 17 members, 19 non-members, 20 SPC's, and with 27 unique names (Zack, where were you?) all CW. Plus I worked W0CQC twice, once on 20m and again on 40m - does that mean I get to add 2000 points to the score, or just 1000??? I need an official ruling on this!

That's 97,120 points by my first reckoning! That's gotta be the highest score I have yet attained in any contest - I like these rules!

My log will be in your email before the week is out Jim. Thanks all, for organizing this. I must be doing it right - it WAS fun!!!

72, Dave Fifield, AD6AY

Date: Mon, 23 Feb 1998 06:37:58 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [4560] Re: Elmer 101 - Your favorite DVM??
Message-ID: <Pine.LNX.3.93.980223062553.444A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Feb 1998, Chuck Adams wrote:

> 3. Meter in current measuring mode has almost 0 ohms resistance across
> the leads. (This is very important.)

Yes, and I proved this empirically during FYBO :) Took the *spare* analog DVM with me to check batteries and such. Fired up the current setting to see how well the solar panel was doing... set the meter aside... (this was the oops part) Checked the battery later and got 0 volts. ???

Hmm... that can't be right... the radio is still working alright. OHHHHH \$!:+ !!! Yanked the probes away immediately, too late :(Anyone care to guess how much instantaneous current a 7AH gel cell can source? I've had that meter since I got started in electronics 20 years ago, so it *MUST* be repaired :) Sure, I have two other digital DVM's, but sometimes analog is better for things, and this one is like and old friend. Guess i'll move it to the top of the kit pile.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Mon, 23 Feb 1998 07:00:23 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4561] Forum info
Message-ID: <9e1329c0.34f164da@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

WELL...I did it this time. Some of you had inquiries about the forum ,I was reading them went to print and whammy every thing was gone.Well I should have known better than to try to retrieve stuff at 6am with no coffee. Please resend. Sorry.

Les K4NK

Date: Mon, 23 Feb 1998 04:25:03 -0800 (PST)
From: Stanley Wilson <microres@crl.com>
To: qrp-1@Lehigh.EDU
Subject: [4562] Elmer Question - Slide Rule/Electrical Engr - base e
Message-ID: <Pine.SUN.3.91.980223041108.15470A-1000000@crl2.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I guess by today's standards these gadgets are antiques, but many of us still have them. Basicly there were two main types, cheap ones and expensive ones. The expensive ones allow one to do things to the base 'e'.

Sort of like the "nurd" pocket protector, engr students all use to have them strap to our hip. hi Today I guess it would be the lap top.

My Elmer question ?

I know one can do some transit problems using base 'e', but from a practical view point, what kind of problems would one solve that requires the use of base 'e' ?

Does not seem to show up in most electrical engineering equations.

de Stan ak0b

PS - The CF/DF scales are good for working problems with PI. The cheap slide rules all seemed to have those scales.

Date: Mon, 23 Feb 1998 07:43:48 EST
From: KB9RPD@aol.com

To: qrp-1@Lehigh.EDU
Subject: [4563] Re: cookies agn
Message-ID: <211afbb3.34f16f07@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Folklore. This along with many other things now cropping up (including some viruses in email).

It is interesting how urban folklore has tiptoed over from real life to the virtual community on the internet. The cookie recipe is not true, no matter what anyone tells you. This has been a piece of urban folklore for years. I first saw the piece on the cookies in 1991...before the big explosion (population) of the internet due to http (world wide web).

What is interesting is that this actually contains a recipe...something you can make. Someone probably copied a recipe and called it Neiman Marcus cookies.

If you receive anything (even from friends) that says, "This is true. This is not fake." etc., etc. you might want to check it out....especially if it is about a computer virus. Viruses are very important, but just because someone says you can get a virus from doing such-and-such....check it out. I have a link on my web page that will aid you in looking up the validity of any claim that something is a virus.

<http://members.aol.com/kb9rpd/index.html>

73, Ted - KB9RPD

Date: Mon, 23 Feb 1998 07:53:23 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [4564] Re: Elmer Question - Slide Rule/Electrical Engr - base e
Message-ID: <34F17143.48B9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Calculate the voltage across an RC or RL circuit in the time domain.--Zack W1VT

Date: Mon, 23 Feb 1998 07:56:13 -0500
From: "dave R /kc1di" <elim@ime.net>
To: <flyer@hooked.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4565] Re: Carolina Windom
Message-ID: <003b01bd405a\$6d1d1a20\$2bc65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: flyer@hooked.net <flyer@hooked.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, February 22, 1998 10:28 PM
Subject: Carolina Windom

>What is a Carolina Windom antenna and where could I read something
>about it?

>

>Thanks in advance.

>

>Mark Smith KF6PIL

>

>

Hi Mark ,

The Carolina windom is the name given to a type of off center fed dipole, It
is marketed commercially by radio works , there web page is at

<http://www.radioworks.com/>

73, dave kc1di

Date: Mon, 23 Feb 1998 08:05:35 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [4566] Re: DX QRP contest with a real antenna :)
Message-ID: <34F1741F.4D86@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

With 9K2ZZ as the first contact and five easy contacts at the 90 mW level I was hoping to pick up a few more 2xQRP contacts, but didn't hear a single QRP station running a pileup--Zack W1VT

Date: Mon, 23 Feb 1998 09:55:31 +0000
From: Dick G0BPS <R00@kanga.demon.co.uk>
To: KB7WW@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4567] Re: xtal checker
Message-ID: <VHMofLATEu80EwKJ@kanga.demon.co.uk>
MIME-Version: 1.0

In message <01bd3fc6\$f2449fa0\$e121a3ce@arthur-moe>, Arthur Moe
<KB7WW@chatusa.com> writes
>I picked up a box of rocks, mostly unmarked, does anyone have
>a circuit for a checker, tester that will do both fundamental
>and overtones???
>Thanks

You may have read about the QRP lectures at Dayton this year.
One of them is about the 'Six Pack' from Rev George Dobbs G3RJV.
One of the six pack is a crystal checker!

Be there...

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Mon, 23 Feb 1998 08:12:54 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>

Subject: [4568] FOX Tonight
Message-ID: <199802230816_MC2-345D-21BF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I'm the FOX tonight, starting 1800CST (0000Z 24 Feb 98). Starting point 7.042 +/- QRM. Catch me if you can. Will use RIT liberally. Here's hoping for good propagation.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/288-5108 (eves)

Date: Mon, 23 Feb 1998 08:36:23 -0500
From: kt3a@juno.com (Cameron C.R. Bailey)
To: QRP-L@Lehigh.EDU
Cc: w4du@bellsouth.net, w4qo@america.net
Subject: [4569] FDI List
Message-ID: <19980223.083626.6774.1.kt3a@juno.com>

This will be posted as it grows for every 50 attendees.
Send corrections to me.
It will also be posted on the QRP ARCI web page.
www.qrparci.org by W4QO, Jim.

Confirmation number,Call, First Name,Last Name
1 KT3A Cameron Bailey
2 NF3I Scott Rosenfeld
3 KC5FMZ Robert Sorge
4 WA1QAA Mike Carr
5 W2MY Steven Pituch
6 W2MBY John Pituch
7 Terence Shilhanek
8 KR5L Jerry Henshaw
9 WB4TAJ Bob Bruner
10 WA9FLX Dick Wohlschlag

11 WW4WL Mitchell Louis
12 WW4WL Mitchell Louis
13 KG2ED
14 K2IPH
15 Martin Lynch
16 W1HUE Larry East
17 K1CL Charles Ludinsky
18 N8PVZ Bernard Gaffney
19 K8IDN Steven Bornstein
20 K8IQY Jim Kortge
21 G4WIF Tony Fishpool
22 G3MFJ Graham Firth
23 K5ZTY Bill Stietenroth
24 K8AX David Brown
25 N5SK Steven Karty
26 Vincent Passione
27 N9ZZ Robert Schill
28 Embedded Research
29 Embedded Research
30 K0BC Gary Harrison
31 KF00V Dan Copeland
32 W0HX Stan Underhill
33 N9QIL Kenneth Wezeman
34 W5TWR Ed Crowell
35 W8LPR Michael Nelson
36 K5HGB Glen Reid
37 N7RI Ralph Irons
38 WA8RXI Richard Arzadon
39 K8ZN Doug LeVan
40 AD6AY David Fifield
41 WA8HDR David Doubleday
42 WD4ET Jeffrey Greer
43 KF4TPR Debbie Greer
44 WD8AAU Daniel Puckett
45 AA5VS Robert Bowman
46 Jim Wharton
47 KA0GKC Claton Cadmus
48 N9AYI Randy Jobe
49 N9AYI Randy Jobe
50 W4DU Ken Evans
51 K4PQC Phil Specht
52 W4Q0 Jim Stafford
53 KS4RN Leonard Young

Cameron C.R. Bailey, KT3A
Mount Wolf, Pennsylvania
kt3a@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 23 Feb 1998 07:41:57 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [4570] Re: Elmer 101 - Your favorite DVM??
Message-ID: <3.0.1.32.19980223074157.0069e434@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

And my nickles worth:

When using two meters for simo measurments you can use hooks for one and probes for the other. Also use colored insulated clip leads (RS).

AND -- DON'T leave your meter on the hood or trunk lid of your car! I used to have two DMMs. Now, I only have one 8^(...

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Mon, 23 Feb 1998 08:44:04 -0500
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4571] Re: FOX Tonight
Message-ID: <34F17D24.5CE861E9@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc,
I hope the "Fox" pays a visit to the "other" Rochester (NY) tonight.

I will be listening!

Tom, kv2x

Wilford D. Lindsey wrote:

>
> Gang:
>
> I'm the FOX tonight, starting 1800CST (0000Z 24 Feb 98). Starting point
> 7.042 +/- QRM. Catch me if you can. Will use RIT liberally. Here's
> hoping for good propagation.
>
> 72/73,
> --Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
> MWBC
> 519-16th Street SE
> Rochester, MN 55904
> 507/288-5108 (eves)

Date: Mon, 23 Feb 1998 05:50:03 -0800 (PST)
From: Philip Karras <ke3fl@yahoo.com>
To: cw@qth.net
Cc: qrp-1@Lehigh.EDU
Subject: [4572] FS: For Sale or Swap
Message-ID: <19980223135003.21292.rocketmail@send1c.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This is to inform you all that I have a section on my WebPage called:
FS/Swap (For Sale or Swap) to my cw/qrp et el friends to list any
ham-related item they wish to sell. Your first try should be the
reflectors, most things go very quickly there, but if they do not you
may list them with me.

Send a complete e-mail listing with your e-mail address INCLUDED in
the message. Please make it easy for me to convert it to HTML for the
LINKS page otherwise I may not list it afterall.

Send your listing to: ke3fl@juno.com or ke3fl@qsl.net

My WebPage is at: www.qsl.net/ke3fl

73 de KE3FL

==

Phil K
home: ke3fl@juno.com
work: pxk4@cdhrh.fda.gov (FDA use only please)
Alt: ke3fl@yahoo.com
Web: <http://www.qsl.net/ke3fl>

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 23 Feb 1998 10:08:15 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu
Subject: [4573] MORE QRP MOBILE DX!
Message-ID: <Pine.LNX.3.95.980223095832.29809R-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Around 9 p.m. local time (0200z) last night, the DC area was blessed with a brief but solid opening into UA0-land (Zone 18, I believe Krasnoyarsk) on 20m CW.

At any rate, it was loud enough for me to copy a very warbly UA0AZ coming from over the pole at S9+20 from my car. I answered him at 3 watts and got a 569 report. We signed, and he called a few more times, and the path was gone...

How long until the openings get as far south as India? I've worked VU ONCE in 11 years of operation...

This morning, 20 was marginally open into northern Europe (Scandinavia, Poland, etc.) and over the weekend (and last week, too!), 15 was wide open from about 1400-1800z into Europe. I never did catch a good opening into Asia, though, which was somewhat upsetting. I can only imagine what it would've been like with a serious antenna...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 23 Feb 1998 08:22:15 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [4574] Got my QRP Kits
Message-ID: <3.0.1.32.19980223082215.006bcad8@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

I've received my ZM-2 and NW20 kits and am ready to do some assembly. I'm going to get a box and some BNCs from Jameco for the ZM-2. Jameco has a metal box that will go nicely with the NW20. I'll have to wait for more funds to get a Sierra.

I've found a pair of clip-on glasses (good mag. and depth of field) that should allow me to see to do the circuit board assembly. I'm going to try it anyway. Been a long time since I've built a kit. If I'm careful and check my work, I should be OK. Thanks to all who offered help with the building.

For tool practice, I built a little LM317T adjustable regulated supply. I've been going to do this to have a battery eliminator for various little-used gadgets I have around (like an old SR50 calculator). It worked out quite nicely in an R S hobby box with -- input terminals, a 15V meter, and regulated output terminals.

Got to thinking about using it as a regulator for a solar panel. We had some sun for a brief period Sat. morning so I tried it with my little 10W panel. Preliminary tests indicate that it will do a good job as a basic manually-controlled regulator. (the '88 and '95 Handbooks have some good circuits that do a lot more.) I have a pair of 7 AH -- 12 V gel-cells that I can charge through the regulator and run the NW20 for such things as transportable and field day operation. I'll probably be one of, or the, solar-powered QRP station(s) for our club this coming June.

Anyway, QRP-L has provided great mental stimulation and enthusiasim for this retired guy. (Hmmm -- haven't done satellites much since AO-10 was launched either. Anyone doing QRP satellite operation?)

Again, thanks to the group for all the great feedback -- it is greatly appreciated.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Mon, 23 Feb 1998 07:24:55 -0600
From: "Dick Schneider" <rschneid@ix13.ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [4575] FS: HW-9 Station-complete
Message-ID: <199802231429.IAA24806@dfw-ix7.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: HW9 Station

Classis QRP CW station. In excellent condition. No modifications.

3-5 Watts output
80-10 Meters, including all WARC bands

Includes:
HW9 transceiver
HFT-9A matching tuner
HM9 matching wattmeter
PSA9 matching power supply
SP99 matching speaker

\$575 including shipping to CONUS

Email replies to rschneid@ix.netcom.com

72/73 Dick AB0CD..

Date: Mon, 23 Feb 1998 10:29:24 -0400
From: LAYTON FULTON - VE1MT <l.fulton@ns.sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4576] re: HW-9 Parts
Message-ID: <34F187C4.70BF7CDB@ns.sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all -

I am very pleased to report that I have found the part I was looking for
and I would like to thank several people for the replies to my query.

It is a pleasure to be part of such a GREAT, and helpful group.
Many thanks agn, and hopefully I will be able to help someone one day as promptly as I was helped.

72/73 Layton

--

Layton Fulton VE1MT
l.fulton@ns.sympatico.ca
QRP-L #1448 FISTS # 4388

Date: Mon, 23 Feb 1998 09:07:26 -0600
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [4577] CQC and DCTL World Record???
Message-ID: <34F190AB.94C@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I had a terrible time making contacts during the CQC, but made one contact that made the whole effort worth while.

I tried to make contacts on 40 meters in the early evening with very limited success. I tried my full wave delta loop...called but got nothing. Made a couple of contacts with the 135 ft center fed dipole and a couple with the 132 ft off center fed dipole.

The day before, during some horrendous Texas thunder boomers, I had grounded all my antennas, but wanted to listen in on the "other" contest so I went out to the garage and found my old DCTL (distributed capacitance twisted loop) antenna. Remember the qrp-l thread on that one from 1996? Well, I had mounted it on a PVC "T" so that the base of the antenna was about 5 feet off the ground. I took this thing up to my second story ham shack and leaned it against the wall. Heard lots of stuff on Saturday night.

Then, about 8:30 Sunday evening I hooked it up to my two watt MXM-40 transceiver. I heard Harvey, N6MM, calling CQ in the CQC contest so I thought, "What the heck, it won't hurt to throw one in there." Imagine my surprise when Harvey came back and gave me a 559. I was so excited I forgot to give him my name during the exchange and he asked for a fill, but otherwise he got it all. It's about 1200 miles from Tx to California.

So is 1200 miles with 2 watts on 40 meters using a DCTL antenna a world record? Doesn't matter, that one contact made the whole CQC contest worthwhile. Thanks to the Colorado crew for putting it on. Probably wouldn't have tried the DCTL antenna without it :-)

Gary, KJ5VW

Date: Mon, 23 Feb 1998 09:59:12 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Stanley Wilson <microres@crl.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4578] Re: Elmer Question - Slide Rule/Electrical Engr - base e
Message-ID: <Pine.SOL.3.94.980223094944.19420A-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Stan,

Basically, most fundamental equations started out using natural logs (log base e) and have been converted for convenience to log base 10 (common log). The simple conversion is this (where log = common log and ln = natural or base e log): $\ln(x) = 2.3026 \log(x)$ and $\log(x) = 0.4343 \ln(x)$.

The conversions are handy in case you want to write some utilities in certain computer languages (like GW Basic) which use only one of the two systems.

For example, with the standard transmission line formulas, the dimensional coefficients which look strange at first sight (138 and 276) become 60 and 120 when used with natural logs instead of common logs.

When you get a lot of equations using common logs engrained in the brain, use of natural logs may seem like someone is showing off his/her erudition. However, at a certain level, some things become a bit more intuitively clear when using natural logs.

However, for virtually all practical problems, common logs and handy conversions will do the job.

-73-

LB, W4RNL

Date: Mon, 23 Feb 1998 10:10:21 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-1@Lehigh.EDU
Subject: [4579] Re: Elmer Question - Slide Rule/Electrical Engr - base e
Message-ID: <34F1BB8D.1D6E@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Base e is involved with RC and RL time-constant calculations
(see the chapter on Electrical Fundamentals in the ARRL Handbook)
as well as other solutions to differential equations.
-72 de Chas W3KC-

Date: Mon, 23 Feb 1998 15:32:15 -0800
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [4580] Re: DX QRP contest with a real antenna :)
Message-ID: <34F206FF.44AD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack, W1VT (and the group):

I worked PU2LCD/QRP running a small, sustained pileup with 5 watts on 28 MHz. I got him with my 950mW using a slightly modified GM-10. With 3 watts I worked VP9ID on 21 MHz who was giving out 5W, but he was struggling to get callers. There was a JA on 15m but he was not CQing, so I did not get a chance at him. Maybe there will be more DX QRPers next year?

I managed five new QRP countries worked (now at 155 worked). High points were getting E21CJN on 15m at 0303Z (well past our sunset) and being able to have a small run of JAs on 15m that started with BD4ED calling me! BD4ED was running 10 watts (almost QRP, hi). I am VERY jealous about your working 9K2ZZ, Zack.

73, Harvey, N6MM. (I also enjoyed the CQC activity.)

Date: Mon, 23 Feb 1998 09:01:19 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: ku7y@dri.edu, qrp-l@Lehigh.EDU
Subject: [4581] Re: DXCC in a day.
Message-ID: <199802231601.JAA00505@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Had similar results Ron, lost no sleep and had numerous interruptions...like landscapers using chain saw right under my tower to remove a washed out sahuaro(sp?) Sat am :-)

Got 246 Qs, 76 multi's, 61 different countries and picked up 9 new ones.

Wr'kd QRP 2x

with: 6Y/N7RR, JR4DAH, HP1AC, JA6UBK AND BV3QW Taiwan! Was calling a BY and HL2DNU Korea broke in and called ME! Worked him and went back to work BD4ED China. Worked some EU, quite a few SA and 72 JAs! With one string of 42 Js in a row! All QRP S&P operation.

Band	QSOs	POINTS	COUNTRIES
40cw	35	102	10
20cw	68	204	22
15cw	120	357	37
10cw	23	69	7

	246	732	76
			SCORE = 55,632

Not bad for 5 Watts but need more and higher Aluminum :-)

Hi Floyd,

>How did you wind up?

>I didn't spend too much time on the air. But I did get 183 Qs with 79

>multi's and 50 different countries!

>Very little EU.

>But got 2 overall new ones! Can't bitch about that. And QRP to boot.

>cul,

>73, Ron, KU7Y

73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343

ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=108

Date: Mon, 23 Feb 1998 08:02:46 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4582] ARRL DX
Message-ID: <Pine.SUN.3.90.980223075900.3032D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I wound up playing for a few hours. Here is what I got:

183 QSO's
79 Multipliers, of which there was 50 different countries.

I'll post a list of the DX stations who I worked that were sending 5w.

Interesting thing.... I wasn't paying too much attention to the time and I worked a JA who was CQing and was QRP. We exchanged reports and a short chat and he said thanks for the last contact. Sure enough the test was over!

What a nice was to end it!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 23 Feb 1998 09:52:00 +0000
From: Dick G0BPS <R00@kanga.demon.co.uk>
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4583] Re: Dan's not to accept orders from outside USA
Message-ID: <T3opTGAAbU80Ewoc@kanga.demon.co.uk>
MIME-Version: 1.0

In message <34F0708D.BCC1072@rakefet.com>, Vic Rosenthal
<rakefet@rakefet.com> writes
>Arjen Raateland wrote:

>>
>> I just read this on the WWW and I really hope it isn't a trend:
>>
>> Dan's ~ Small Parts and Kits
>>
>> ORDERS NO LONGER ACCEPTED FROM CANADA AND OUTSIDE OF THE UNITED STATES.
>>

HHmmmmmm...

I currently export to about 65 countries all over this
ball of fluff 'n water.

No problems at all about payments, I accept credit cards
and cash! Checks on a UK bank, No problem.

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Mon, 23 Feb 1998 08:18:57 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [4584] help with oscillator
Message-ID: <199802231620.IAA23472@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I am having a bit of a problem understanding just how a simple crystal
oscillator functions. I have a number of texts here but they seem to omit
the details I am looking for. First I will describe a simple circuit and
provide lables so we have a reference point.

>From the collector to the base is R1, to provide base bias. The crystal
(xtal) is attached to the base. From the base to the emitter is C1. The
emitter is biased with the emitter resistor, RE. RE is bypassed with C2.
Normally I would say that C2 is a bypass capacitor to increase AC gain in
the transistor but for an oscillator I think it serves a different
function. C1 and C2 are in parallel with the xtal and the C1, C2 junction

looks more like some kind of Z match for the emitter. Could they be providing a low Z path back to the xtal?

If someone would please straighten me out here I would be grateful. Also, I see so many different values used for C1, C2 I would like to know how the values are supposed to be calculated.

Thanks for the help

Wayne WB7WHI
Spokane, Wa.

Date: Mon, 23 Feb 1998 12:10:37
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [4585] RE: Dan's not to accept orders from outside USA
Message-ID: <3.0.3.16.19980223121037.218f3208@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Having sent a number of packages to DX stations, I know first hand what a pain in the butt it is.

Accepting credit cards is out of the question for most of us. Unless your doing real volume, the credit card people close your account real fast, to say nothing of the 4% of the sale they charge you. I figure they should pay me 4% to accept credit cards, why should I have to pay them for the aggervation?

But, most are willing to send US funds in one form or another, so that isn't too bad. The real hassle is at the post office where it takes 1/4 hour per package to fill out all the stupid forms. Shipping UPS is even more work and is very expensive. My guess that is the real reason, it's just too darn time consuming.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 23 Feb 1998 11:22:45 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-1@Lehigh.EDU
Subject: [4586] QSL ROUTES FOR DX CONTEST
Message-ID: <00062967.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Hi Folks,

Had a lot of fun in a few hours of operating the
DX contest last weekend.

A few questions on DX QSL routing. First off, anybody
know how to send V26B? Caught him on 4 bands.

Also, how (who) do you send a card when they might
be "visiting" a location i.e. TI7/N4M0?

Should I just leave the routing up to the BUREAU, or
other QSL service I use?

Just curious what other folks do.

Thanks.

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25

Date: Mon, 23 Feb 1998 17:36:48 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4587] Bazooka Antenna Gets Japan on 5 Watts!
Message-ID: <34F1B3B0.5BEC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's my 300 Ohm input impedance "Folded Bazooka", fed

with 300 Ohm line from my Tuner.

Yep, My first ever DX. QRP or QRO (Never do QRO to initiate QSO).

First Ever!

Picture me, half asleep and hearing CQ DX de JJ8KGZ.

I sip my coffee, then think, aw what the heck, I'll call back just to warm up my bug.

JJ8KGZ de WE6W WE6W WE6W/QRP AR

He gets me!!! 559 WOW!!!!

Hiro was running 200 Watts. GAVE ME 559 for my 5 WATTS.

First Ever DX.

First Ever.

Yup, it feels good.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 23 Feb 1998 09:54:36 -0700

From: torell@sicom.com (Kent Torell)

To: wb7whi@triax.com

Cc: qrp-l@Lehigh.EDU

Subject: [4588] Re: help with oscillator

Message-ID: <v02130500b1175844d582@[192.91.202.41]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>I am having a bit of a problem understanding just how a simple crystal
>oscillator functions.

Wayne,

Crystal oscillators are one of the toughest circuits to analyze. Even though simple usually the oscillator amplifier is set up so it presents a negative resistance at the base. This is by judicious choice of the emitter bypass capacitor. This is how the 'universal qrp transmitter' design of W1FB was done. Look in his book 'solid state design for the radio amateur', pages 17, 26, and on 245 for the negative resistance

analysis.

Paul Harden has done a bunch more oscillators of all types, and has some good hints ... maybe he'll share a few sometime during the elmer project. :-)

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

Date: Mon, 23 Feb 1998 11:46:38 -0600 (CST)
From: Bill Down <ve5hq@gpfn.sk.ca>
To: LIST <grp-l@Lehigh.EDU>
Subject: [4589] Crumpled Cookie!!
Message-ID: <Pine.SOL.3.91.980223112823.16808I-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I must apologize to all...being a rookie in the field, I suppose it's easy for me to be deceived. I am the sort of person that tries to do the right thing, but usually winds up doing the wrong thing. I am very sorry I forwarded the "cookie" story....it came from another ham who is likely as naive as I am in this area.

I realise some of you live to jump at the chance to criticize and degrade others, while most of you are very understanding and helpful.

It is because of the latter category of grp'rs who so very gently pointed out this as a hoax, that I am offering my sincere regrets for wasting your valuable e-mail time. If nothing else, those of you who were unaware of it before, now you know this story is not true.....At least that's what I am told...but I look at it this way,,,,,hoax or not, I have a cookie recipe that sounds pretty good....as do you!

God Bless!!

73> Bill

what kind of antenna, height, etc., because I suspect the antenna might have had as much or more to do with it as the power output!!!

Not a flame, and best 72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Sun, 22 Feb 1998 09:59:43 -0800
From: dave_epps@juno.com
To: resmith@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [4592] Re: Interest in single lever paddle?
Message-ID: <19980223.095502.9966.0.dave_epps@juno.com>

I just received the MK-33 Pocket Mini-Paddle (single lever) from Whiterook Prods.
For \$12.95 it can't be beat. Some might call it a Toy Paddle, but it does work and is definitely portable.
Also the MK-22 Pocket Mini-Key "ditto"
dave ab5pc fresno, ca

On Sun, 22 Feb 1998 10:12:52 -0700 "Ron Smith" <resmith@primenet.com> writes:
>Thanks Roger, but the URL I was looking to get was in reference to the
>first
>line of the message:
>
>"I've got a sample of the MK-702 SINGLE lever paddle from Hi-Mound..."
>
>I haven't so far found a Web site for them.
>
>Thanks es 72
>
>Ron Smith
>-----
>Amateur Radio Callsign: KD7VD
>Boise, Idaho
>E-mail: resmith@primenet.com
>QRP-L #1291...ARCI #9580...NorCal #????
>AK/QRP #352
>-----
>

>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 23 Feb 1998 09:54:50 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [4593] SMiTe Lives
Message-ID: <19980223.095502.9966.2.dave_epps@juno.com>

SMiTe # 126 is alive and well in Fresno. Output 150 mw and sounds good.
This was my first SMT project and I would like to pass this info along to
other SMT newbies.

I found that I had to lightly tin each pad before installing the part.
Have a large solid color work like it says in the instructions. Those
little critters

jump all over the place. Finding one in a shag carpet could be very
difficult, although

putting a fine mesh cloth over a vacuum hose would work wonders. Anyway,
try

not to lose one.

Make the modification to the tweezers like it says in the instructions. I
got in a

hurry, as usual, and didn't. I was lucky I didn't lose a part. I will
definitely make

the mod next time. (I have another SMiTe kit)

Fortunately I have a soldering station with a long needle point tip. It
would be

very difficult without that tip, especially on the 386.

There is a real small trace around the top edge of both of my boards and
can

easily short the antenna terms. I just cut it.

I am almost 60 years old and my eyes aren't that good so I had to use
magnifiers .

Good luck on your SMiTes.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 23 Feb 1998 17:47:07 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4594] AntennaScope Built
Message-ID: <34F1B61B.1683@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks, I used my own posting last Friday to build the
Antenna Scope. It works FB!

What a great use for a GDO. Not only does it Null
very nicely and give you the impedance of the resonant
antenna, but I connected the output of my pixie2
to it and measured 140 Ohms output impedance, so
I added another 220 pF cap across the first PI filter
cap connected to the transistor. Now my Christmas
Pixie2 is up to nearly 800 milliwatts output!

One note, I couldn't find a 100 ohm or 250 ohm
potentiometer for part of the bridge section. BUT!
I found a 10 Turn, Non-inductive, 1 Kohm pot. Linearity
+/- .2%!! It is 100 Ohms per turn and I only had to
mark the 0/100 Ohm, and the 50 Ohm location on the scale.

Nice and easy to interpolate the antenna resistance.

So as a test, I connected up my old 7040 Dipole and
it was resonant at 6600 KHz. Now trimmed to 7040.
(This original dipole was never measured, just 468/F(Mhz) feet.
It was too long because of the Velocity Factor of the coated wire.

Another 7040 Dipole I cut using a SWR meter was cut too short! It
was resonant at 7180 KHz. I'll have to adjust that puppy.

Anyway, the GDO is a nice input signal but you can use a QRP
rig and inductively couple a weak signal into the Antenna Scope
and start cutting antennas well.

Of course, a noise bridge is probably easier and better to use,

but my antennaScope only took 1 Hour and 15 Minutes to build from
junkbox parts. No battery needed.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 23 Feb 1998 13:15:25 -0500
From: "Richard E. Robinson" <rerobins@newmail.uncc.edu>
To: qrp-l@Lehigh.EDU
Subject: [4595] Re: Crumpled Cookie!!
Message-ID: <v0310280bb1176d17ed00@[152.15.144.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill,

Hoax or not, thanks for looking out for us.

72/73,

Rick kf4ar

Date: Mon, 23 Feb 1998 12:18:09 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4596] SGC-latest update.
Message-ID: <024801bd4087\$65091aa0\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Just got this off the SGC page:

These design upgrades are in place and deliveries of the SG-2020 will begin
on March 15. All new orders will be available from our dealers after May 1,
1998.

72

Jeff

=====

Jeff M. Gold, Ed.S.

Manager, Academic Computing Support

Tennessee Technological University

Date: Mon, 23 Feb 1998 11:33:55 -0700

From: ji3m@maxwell.com (James R. Duffey)

To: "william j. champion" <jaccham@mindspring.com>

Cc: qrp-1@Lehigh.EDU

Subject: [4597] Vertical Wire Help (long)

Message-ID: <v02130501b11740825e1a@[192.31.66.158]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Jack - This is a response to your vertical questions. The first thing you should do is look at the W4RNL, L.B., webpage;

<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

He has two good articles that will help you with your vertical there;

"A Modeling Perspective on "Ground" Planes"

and

"Half-Length 80-Meter Vertical Monopoles: the Best Method of Loading Parts 1-5"

The whole web site is chock full of good information, so don't stop with the articles I have mentioned. For many applications the information there is better and more complete than you will find in the ARRL Antenna Handbook.

You should also review ON4UN's book on low band DXing (I don't have the title handy and I always get it screwed up when I try to remember it, but it goes something like "Tips and Techniques for Low band DXing") This is one of the best references for the behavior of vertical antennas and grounds on 160 M, 80 M, and 40 M I have seen.

To address your question thoroughly, several bits of information are missing, Is the antenna feed point elevated or on the ground? and Where is the antenna resonant? Is it resonant with an SWR of 3:1 ??

If possible you should elevate the feed point (and radials) of the antenna. Even a few feet will help. Five or 10 feet is even better. The ground will detune radials laid directly upon it and they will not be resonant.

You should make sure the antenna is resonant in the Ham band. You can determine the resonance point (at least to first order) by looking for the frequency at which the SWR is a minimum.

Lack of information has never stopped me from pontificating though;

"1. ...my coax is run away from the feed point on the ground but seems to contribute to detuning the system . Is length a factor ? Would an air wound coax balun help?"

Coax feed line length should not be a factor, particularly with the low SWRs you are measuring. L.B. has an article on this too by the way. A "choke balun" should be used with ground plane antennas to get rid of currents on the outside of the coax, which can exist even if the antenna is unbalanced and fed with an unbalanced line. These currents can cause the feedline to radiate. If the coax is lying on the ground you may be getting some of your precious RF being radiated straight up and straight down. The feedline is functioning as a horizontal antenna lying on the ground.

The simplest "choke balun" is an airwound coax one. You can find plans for one in the Handbook, and the Antenna Handbook. I can give you the reference if necessary. An excellent explanation of the airwound balun is given at;

<http://www.berkshire.net/~robbins/technote/airbalun.html>

Although plans are only given for 40 M and above there. In particularly pernicious cases you may have to add another choke at the transmitter, or in the line somewhere. After installing a choke at the feedpoint and transmitter, the chokes should be installed at points of maximum current which can be found with a loop and a sensitive meter or flashlight bulb. There usually won't be any, particularly if the feed line is less than a quarter wavelength long.

2".... How critical is the length of the radials ? When tuning the system for SWR do I trim radials also?"

See L.B.'s articles. If memory serves me correctly he shows that they should be slightly shorter than the antenna, rather than the often quoted 5% longer. The antenna and radials should be tuned to resonance. This is probably best done with one radial and the antenna at a time, although I have seen suggestions for tuning two radials at a time as a dipole.

"Can radial wires be bent or folded to fit property lines without dramatically detuning the system ?"

Yes, they can be bent and folded, but they should be tuned in the folded configuration, not tuned and then folded. ON4UN shows some arrangements for folding radials that reduces the length by half. This is beneficial in some cases in reducing the radiation from the radials.

"How important is the diameter of the radial wires ? "

The diameter is not too important, as anything that you can work with will probably be big enough. I have used 22 ga wire. It is probably on the small side, but for resistive losses in the radials to equal the resistive losses in the antenna, the radials can be $1/n$ the diameter of the antenna wire, where n is the number of radials used. Radial wire the same diameter as the antenna is probably a good rule of thumb if you are buying wire and don't have something on hand you can use. For ground systems I have just used whatever wire is available and ended up with a wide variety of wire sizes in the ground.

3."What makes a good ground screen material , and how do you figure it into the length of the radials when it is used near the base of the antenna alone?"

Ground screens are useful when laid directly on the ground. In that case the radials need not be resonant and the length is less important. I seem to recall (That is technobabble for "I can't remember the reference and am too lazy to look it up again") that screens with "holes in them less than 0.01 wavelength look essentially like a solid screen. 0.01 wavelength at 80 M is .8 M or about 32 inches. SO for 80 M, get the largest screen material you can. Vinyl covered steel fencing should withstand corrosion pretty good. Make sure it has a wire in it, there is a lot of plain plastic fencing sold. Connect to it with a crimp connector and weatherproof the connection with aquarium sealer, bathtub caulk, or windshield sealer. I would suggest using RTV, but that will start a thread about RTV caused corrosion that never ends. A 6 ft by 25 ft roll of fencing material cut in half will give you a 12 ft square ground screen which will be a good start on a low loss ground system.

If you are using elevated radials I don't think a ground screen is as effective, but you can make a counterpoise. Details are in the Antenna Handbook. Each side should be as tall as the antenna I think.

"4. The vertical wire is $1/4$ wave for 80 meters. Would $1/2$, or $5/8$ wave be harder to tune for SWR and how would this change the radial lengths needed ?"

Can you really support an antenna 130 ft high (half wavelength on 80 M)? If so, maybe you need a guest op in the next 160 M contest? A rule of thumb is that the radials should be about as long as the antenna is high. Although many hams say you don't need radials with a half wave vertical, you do need a good ground for any vertical to work. A quarter wave vertical will have a

lot of current in a quarter wave radial, all at the feed point. A half wave vertical will have almost none, anywhere on the wire. But a half wave vertical will generate lots of return current in a half wave radial, but it will be peaked a quarter or 0.3 wavelengths away from the feed point.

If you can support an antenna this high you may wish to look into L.B.'s 3/8 wavelength vertical fed with against a single 1/8 vertical radial. It has a 50 Ohm resistive feedpoint impedance. I don't think anybody has built one yet, but it looks inviting.

While you are at L. B.'s page you may wish to look at the articles on self contained vertical (SCV) antennas, such as the delta or quad loops, fed so as to yield vertical polarization. They do not need radials, but do need good grounds to work well.

Oh yeah. I almost forgot. Your SWR. L. B. has lots of figures of what to expect; I recall that a resonated quarter wave vertical fed against elevated radials should have a feedpoint impedance of about 22 ohms, so you should get an SWR of about 2:1 with 50 Ohm coax.

You should install a ground rod and lightning suppressor near the base of the antenna and one where the feedline enters the shack from the outside. Polyphaser and ICE make good ones. This is for lightning protection only. Any improved RF performance that arises from installation of the ground rod is purely serendipitous.

You should also connect a high value, 20KOhm to 50 KOhm is OK, across the feedpoint at the antenna. This will do two things, provide a DC path to ground which will reduce precipitation static and prevent charge build up on the antenna. It also serves as a trouble shooting aid; if you put a DC Ohmmeter across the feedpoint in the shack you should read the resistance value. In this manner you can check simply on the feedline integrity if you have problems. It sounds like a minor thing, but if you need to know something quick about your antenna, like before a contest, or on a cold wet winter night, it is a big help.

This is long, and I didn't answer all your questions, but I hope I have pointed you in the right direction. You should have an excellent DX antenna for 80 M when you get things all straightened out. You will be the envy of many ops.

Let us know how it all turns out. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 23 Feb 1998 12:46:10 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4598] New K8 Plus keyer/board
Message-ID: <024e01bd408b\$4f469720\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8bit

K8 Plus keyer

After my article last month in QST about build your own paddles, I received many questions about keyers. I have been playing with the original K1EL keyer chip and just finished the K8 Plus keyer.

The bottom line is I can't believe how much I received for the small cost. I have built over 25 keyer combos. I love my Idiom press for contesting, but use small keyer and paddles for my QRP kits on a regular basis. I have 3 versions of the K1EL chips on 3 different rigs. You might ask why I don't just hook up one central setup, well because I guess I like to build as much as I do operate.

I have enjoyed all versions of the keyer chip. It is a drop in replacement for Tick keyers (I also have had good luck with these and own a few of them). You can get the new K8 plus for \$6, or they now sell it with a very small (1.2 X1.2) PCB that is single sided, silk screened and solder masked for \$10 for both board and chip. You only need a few parts to complete the board (and I had them all in my parts draw). You can also build a VERY simple circuit for the keyer that only requires 3-5 volts, a .01 cap, a 4.7K resistor, and a 2N2222 transistor, a push button switch (I took one off something broken in my closet), and a Piezo transducer. I had purchased a bunch of very small speakers from computers from someone on the list that seem to work well for this application. It takes very little time to complete, and would make a great first build from schematic project.

There are a number of neat things about this little keyer. First it uses very little power and even goes into low use mode (standby) when you aren't using it. I still have the same 9 volt battery in my first one. When you

order your keyer you choose certain defaults such as default settings for Iambic mode and whether you want sidetone to rig enabled.

To operate you push the button once and it sends the chosen memory message (you select what originally goes in, and from it you get to choose one of 5 options). To communicate with the keyer, you push and hold the button. Then using paddle direct command entry you can set the speed, switch the paddles (dits and dashes), enter memory text, use a practice CW mode. This new chip even has autospace mode (think maybe the other keyer I used that has this was the Idiom press), this makes it easier to send correctly spaced, easier to copy CW.

I really suggest that you check out the web site for pages of details:

<http://members.aol.com/K1EL/index.html#Keyer>

I am not a representative of this company, just really appreciate the job Steve, K1EL has done and continues to do with this little device (and one is now in the Altoids paddle/keyer I built that is pictured in QST and I use regularly).

72

Jeff, AC4HF

=====
Jeff M. Gold, Ed.S.
Manager, Academic Computing Support
Tennessee Technological University

Date: Mon, 23 Feb 1998 14:04:36 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [4599] Cable for paddles?
Message-ID: <852565B4.0068BC41.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Guys:

I just finished up my NorCal paddles this weekend (mostly sanding and polishing brass in the late evening hours). I'm very happy with the result and, as a result, I think I now have a set of Benchers for sale.

One last step to complete the project... wiring them up. I've looked high

and low and can't find a three-conductor cable that's small enough in outside diameter and that possesses a high degree of flexibility. I'd like to ask what kind of cable you all typically use to wire up paddles? Radio Shack is, as usual, of little help. A distributor that used to be over on Route 46 near my office seems to have vanished.

Any pointers would be appreciated...

72 David N2SMH
Glen Rock, NJ

Date: Mon, 23 Feb 98 13:40:13 EST
From: rflight@VNET.IBM.COM
To: wb7whi@triax.com
Cc: qrp-1@Lehigh.EDU
Subject: [4600] Re: Help with Oscillator
Message-ID: <199802231915.0AA30366@nss4.cc.Lehigh.EDU>

Wayne;

You described a Colpitts oscillator. C1 and C2 are an autotransformer (voltage divider) and serves to regulate the amount of feedback to the resonant tank circuit... in your case the X-tal in series with C1 in series with C2 make up the resonant tank circuit... The series combination of C1 and C2 equate to the loading capacitance on the X-tal along with the parasitics of the layout and the capacitances of the active device (b-e, c-b, and c-e capacitances... which are generally negligible for HF oscillators).

At resonance, the X-tal looks like a very large inductor which when paralleled with the load capacitance (C1 in series with C2) form a parallel resonant tank. Feedback is injected via the emitter into the bottom of the tank, phase shifted via C2 and the inductance of the X-tal and finally fed back into the base at the top of the tank where it arrives in phase with the signal at the emitter but larger in amplitude (a requirement to sustain oscillation).

The ratio of C1 to C2 establishes just how much of emitter signal is fed back to the base with C2 providing degenerative feedback bypassing the signal at the emitter as you suggested.

There is still much being written about the optimal ratio of C1 to C2 and it depends on what characteristic you wish to optimize (start-up, phase noise, load pull stability, etc.) My advice here is keep reading :-)

Whatever ratio you home in on as your pet value, adjust the series combination of the two for an equivalent total series capacitance that equals the x-tal manufacturers specified load capacitance. This will be the minimum load capacitance to guarantee oscillation and provides maximum pulling range. X-tal pulling is desired when you wish to have the ability to net the oscillator to a precise frequency, or if you want to employ it as a VXO (variable crystal oscillator)... such as we do with the KnightSMiTe.

If you don't wish to pull the oscillator and precise adjustment is not an issue, the load capacitance becomes of lesser importance. X-tal oscillators for general purpose applications are pretty stable, and have phase noise performance that is quite adequate for all but the most demanding applications. It is common to see oscillators with a ratio of 1:1 (i.e. equal value) and an equivalent series equivalent load capacitance many times greater than the minimum load capacitance of most x-tals. These designs are for oscillators that may be operated over a large frequency range and often employ sockets for changing the x-tal as needed at any given time. It also makes for a good test circuit for matching x-tals... where the load capacitance is swamped out and matching is simply one of measuring the resonant frequency and output power level of the resultant oscillator.

72

Gary, N3G0 Raleigh, NC

Date: Mon, 23 Feb 1998 13:56:52 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@Lehigh.EDU
Subject: [4601] FS- Books
Message-ID: <34F1F0A4.77E8@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-Refections by Walter Maxwell (1990). No longer in print by ARRL and hard to find. Classic volume on transmission lnes, antenna matching, baluns, etc. 24 chapters. Excellent condition. \$25

-ARRL Antenna Book -14th Edition. Hardback. Very good condition \$15

-Radio Engineer's Handbook by Frederick Terman. The masterful classic from 1943. Don't let the date fool you, it is crammed with practical info that is still valid. For example, did you ever wonder how to

minimize losses in your antenna tuners? The curves and formulas are presented to help you. This one is in good usable shape considering it's age. Over 1000 pages. \$30

I would rather ship them all in one box, so priority will go to the first offer of \$55 for the three. Note: All prices plus shipping from MD.

-72 de Chas W3KC-

Date: Mon, 23 Feb 1998 11:35:41 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-1@Lehigh.EDU, ve5hq@gpfn.sk.ca
Subject: [4602] Re: Crumpled Cookie!!
Message-ID: <19980223193541.10615.qmail@hotmail.com>
Content-Type: text/plain

I for one am going to try the recipe. Maybe I can surprise the xyl by putting up the soldering iron for a while.

We all are in a learning phase. Don't worry about the bandwidth.

72/73
Ray Lowe
WD5DHK
Lancaster, Tx (near Dallas)
<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 23 Feb 1998 11:38:12 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-1@Lehigh.EDU, alan.kaul@worldnet.att.net
Subject: [4603] Re: DX QRP contest with a real antenna :)
Message-ID: <19980223193812.28705.qmail@hotmail.com>
Content-Type: text/plain

An antenna is probably the most single important component

of the station. I agree the antenna probably played a big part in the DX.

72/73

Ray Lowe

WD5DHK

Lancaster, Tx (near Dallas)

<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 23 Feb 1998 14:40:42 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4604] my gullibility
Message-ID: <34F1FAEA.A5410611@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is about retrieving a qrp-related program from a disk which seems to have a virus.

Some of you guys will probably tell me that what I'm talking about is just folk lore or something which proves my gullibility, but I need to retrieve a program from a 3.5" floppy and Norton's tells me that there is a virus (Stealth_Boot.B) in the boot record of the diskette.

I had a duplicate copy of this disk, and when Norton's told me that it had the virus and offered to repair it, I said yes and now there doesn't seem to be anything readable on that disk.

Does anyone have any suggestions?

Lyn, W4WDN

Date: Mon, 23 Feb 98 15:19:47 PST

From: gregoire@endor.com
To: dmaliniak@penton.com, Low power amateur radio discusion <qrp-1@Lehigh.EDU>
Subject: [4605] RE: Cable for paddles?
Message-ID: <Chameleon.980223152625.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Hello Dave,

Dead mice will provide you with cables and
are just what the doctor ordered.

I have a ham friend who works at a computer repair shop
and saves dead mice for me. The cords are soft and plyable.
Be careful soldering them, there is almost no copper in them

I have been using a dead mouse tail on my Kent paddles and plan
to do like wise with the Fists modified Vibroplex paddles.

73

de AA1IK,	Time the accursed enemy of man,
	cursed youth for going to slow
Ernie Gregoire	and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier,
	Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/23/98 15:18:48

Date: Mon, 23 Feb 1998 15:39:50 -0500
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [4606] Paddle Cable
Message-ID: <852565B4.00715115.00@dpcmail.dukepower.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Don't remember the number but there is a small 2-cond with shield cable that I have been using from Radio Shack that works well. It is as small or maybe even a bit smaller than mouse cables. Gray in color. Just connect the shield wire to ground and the key paddles to the 2 insulated wires.

Watson/WB4EXW/NC

Date: Mon, 23 Feb 1998 20:40:59 +0000
From: Ed Loranger <we6w@qsl.net>
To: dmaliniak@penton.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4607] Re: Cable for paddles?
Message-ID: <34F1DEDB.1659@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Maliniak wrote:
<snip for brevity>

> One last step to complete the project... wiring them up. I've looked high
> and low and can't find a three-conductor cable that's small enough in
> outside diameter and that possesses a high degree of flexibility. I'd like
> to ask what kind of cable you all typically use to wire up paddles? Radio
> Shack is, as usual, of little help. A distributor that used to be over on
> Route 46 near my office seems to have vanished.
>
> Any pointers would be appreciated...
>
> 72 David N2SMH
> Glen Rock, NJ

Hi David. I used 4 conductor telephone wire. Snipped off the 4th wire. Very good stuff. It works and is easy to strip and solder.

On a related matter, I've noticed that the Stainless Steel 4-40 screw in the Brass Block for the Dits becomes intermittent. I couldn't find any here, but I'm looking for some brass screws.

In the interim, I've removed the dit stainless screw and am keying directly to the block -- that works most excellent -- but is a lot of paddle movement. Not much of a problem though, kind of works like the BUG!

-Hi
-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 23 Feb 1998 13:46:50 -0700
From: Andy Fox <foxes@theriver.com>
To: dmaliniak@penton.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4608] Re: Cable for paddles?
Message-ID: <34F1E03A.C01A05DF@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi David,

I bought a 6 foot long patch cable, with a 1/8" stereo phono plug at either end at Radio Shack for a couple of dollars and cut it in half. This resulted in two, 3-foot cables that have two conductors and a shield, with the plug already attached.

My rig has a mini phono jack; there is an adaptor available that will go from the mini to the standard 1/4" phono plug if your rig uses the 1/4" phono jack.

Metric note: 2 metre cable, 3.5 mm phono plug.

72

--

Andy Fox, KK7HV
<mailto:foxes@theriver.com>
<http://personal.riverusers.com/~foxes/>

Date: Mon, 23 Feb 1998 15:01:25 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [4609] CQC Contest
Message-ID: <351A2DFAE256D111883A0060B06B1662371BD8@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Didn't have a lot of time, but did manage to get on for a while Sunday evening with my little QRP Plus. Managed to hand out contacts to 18 stations.

Doc, K0EVZ, was loud, but could never get him to come back to me. Figured he must be hearing a lot of stations I wasn't. I'll try again for you tonight, Doc. Keep them furry lil ears waaaaay up.

72, Bob N6WG (01' Kenwood sat this one out)

Date: Mon, 23 Feb 1998 16:42:21 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4610] Re: ARRL DX QRP with real antennas
Message-ID: <3.0.1.32.19980223164221.007407a8@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ARRL International DX Contest by WQ8RP - An exercise in Fun.

K8CC, the owner of the perennial Michigan Multi-Multi station, went to the Bahamas for the contest this year. A couple of months ago at the local DX Association, Buck, N8CQA; Stan, AC8W and I posed the question "Hey, Dave, since you are going to C6A for ARRL code, can we use your antennas for a Multi-2 QRP operation?". Since Buck, Stan and I have operated at the Multi-Multi's there, Dave said sure, if you really want to go QRP you can do that. Even though there is no QRP class in the Multi-2, five of us (we added Mike, WD8S, and Gerry, K8GT) used Dave's antennas and two of his radios from his single-op position and ran the contest with two radios on the air for nearly 48 hours.

The results, according to the NA Contest Logging Program:

1998 ARRL DX CONTEST

Call used: WQ8RP
Location: MI
Category: Multi-Two Xmtr Mode: CW
Power: 5W
Callsign of Operator: WQ8RP
If multi-operator, show calls of all operators and loggers:

____K8DD, N8CQA, AC8W, WD8S, K8GT____

Exchanged Information: WQ8RP RST MI

Hours of Operation: 47:54

band	QSOs	points	mults	
160	14	42	13	
80	86	258	45	
40	148	444	60	
20	257	771	84	
15	264	792	81	
10	62	186	30	

TOTAL	831	2493	313	SCORE: 780,309

Having the use of tall towers, yagis, vertical arrays, beverages
(the wire type and the Pepsi type!) was great.

When I get the pictures back, I'll scan them and put them on the MI
QRP Club page.

73 and DX
Hank K8DD

Date: Mon, 23 Feb 1998 16:46:47
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [4611] Help for the UW project
Message-ID: <3.0.1.16.19980223164647.3da7ddf6@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
I am finally going to give homebrewing a shot. My project is the Ugly

Weekender.(Many thanks to AA3PB for supplying me with the articles) . I ordered the parts I didn't already have from DC Electronics. Some pn2222a were missing and some switches were back ordered. I called the guy and he said he would try to get them shipped today. Ok, now I have questions. I am wanting to "prototype" it on a breadboard. Is this feasible? When I get it working on the breadboard, I'm going to solder it point-to-point on a perf board. Is that an acceptable method instead of "ugly"? First I plan to build the VFO, then the buffer, then the switch and last of all the PA. I plan on testing them one at a time. The article says to test the buffer amp with an RF probe and DMM. How do I know when it is working? I now I have to ask a question about parts substitution. DC didn't have a 1n937 Zener diode(D4). It is a 9.1 v, 400mw model. Can I substitute a 1 watt OR 12 V model as RS has them. I think that D4 is used for V regulation. If so, then can I omit it if I use a regulated PS? Also, does anybody have other words of wisdom on things watch out for? Thanks for any help.

73,
Arnold kd5ckh

Date: Mon, 23 Feb 1998 15:47:20 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: whalen@swcp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4612] Re: Correction
Message-ID: <34F1EE68.153BC63F@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,

Congratulations on working the DX during the contest. I like the way you did it. Work 'em first and then find out what you worked! I've been doing that a long time now. Been a ham for 26 years.

The V26B is Antigua and/or Barbuda Islands in the Caribbean.

Again congrats! Both are nice catches!

73/72,

Lynn, KJ3V

Birmingham, AL

Date: Mon, 23 Feb 1998 14:02:28 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <dmaliniak@penton.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [4613] Re: Cable for paddles?
Message-ID: <01bd40a6\$baed13d0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David --

Here is my solution to the paddle cable requirement. Someday I'll write this up for QRPP.

Buy a Radio Shack p/n 42-2612 six foot gold audio connecting cable. Cut it exactly in half. Now you have two very nice cables for your paddles. The shield goes to the common, and I will have to wait til I get home to check on which side connects to the red and the black wires.

While you are at Radio Shack, pick up a p/n 274-876 headphone adapter. This allows you to plug your paddles into commercial rigs which use the 1/4" phone plug for the paddle. This particular adapter is nice because it doesn't hang out waiting to be broken off.

I have seven sets of keyer paddles acquired over the years, with different cable solutions also tried over the years. This one works best for me.

Mike K1MG

>One last step to complete the project... wiring them up. I've looked high
>and low and can't find a three-conductor cable that's small enough in
>outside diameter and that possesses a high degree of flexibility

Date: Mon, 23 Feb 1998 15:55:42 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>

To: wa5whn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4614] Re: High in the Rocky Mtns {New Mexico}
Message-ID: <34F1F05E.C133C7B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay,

Thanks for incorporating the web site address for Starhill in your post.
Went there and thoroughly enjoyed the many and varied pictures. Have
always been interested in astronomy since I was a young boy.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Mon, 23 Feb 1998 16:53:46 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: kreinbd@ccgate.dl.nec.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4615] Re: QSL ROUTES FOR DX CONTEST
Message-ID: <3.0.1.32.19980223165346.007410dc@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:22 AM 2/23/98 -0600, David Kreinberg wrote:
> A few questions on DX QSL routing. First off, anybody
> know how to send V26B? Caught him on 4 bands.

Try WT3Q

>
> Also, how (who) do you send a card when they might
> be "visiting" a location i.e. TI7/N4M0?

Probably his home call

>
> Should I just leave the routing up to the BURO, or
> other QSL service I use?

You could
try the local DX Packetcluster, if you have one.
try the local DX'er, if you have one.
try the DX columns in CQ or QST, if you get them.
send your cards (with 15 cents apiece, I think) to
 WF5E-DX QSL SERVICE
 3400 BEDFORD
 MIDLAND, TX 79303-5150
and let him route your cards.
try the QSL manager lists on the internet.
 <http://promet12.cineca.it/htlzh/qsl.html>
 the only one I could find quickly!

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Mon, 23 Feb 1998 22:14:00 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4616] Project: Antenna Scope on my WEB PAGE
Message-ID: <34F1F4A8.56E6@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

http://www.qsl.net/we6w/projects/Ant_scope.txt

My text article and ascii graphics will help you
built the Antenna Scope. After you get
the parts, you'll be able to build the Bridge
in a couple of hours.

You can use a DVM in place of the 200 Microamp meter
if you want. Just connect the DVM to external terminals.

I've tested both ways successfully.

Happy Homebrewing and measure those antennas!

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 23 Feb 1998 17:39:01 EST

From: k7sz@juno.com

To: qrp-l@Lehigh.EDU, qrp@qth.net, tentec@contesting.com, tentec@qth.net

Subject: [4617] Elecraft URL\Typo

Message-ID: <19980223.234343.13527.3.k7sz@juno.com>

For the many who have written me asking for the URL for Elecraft:

<http://www.elecraft.com>

My original posting contained a typo....."elcraft" should have been spelled, "elecraft".

Sorry for any inconvenience (although, I, too had a bit of a time trying to find them on the WWW).

73 rich K7SZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 23 Feb 1998 17:22:23 -0800

From: Charles Kadesch <chas@digizen.net>

To: qrp-l@Lehigh.EDU

Subject: [4618] Re: FS- Books

Message-ID: <34F220CF.19D7@digizen.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The three books are sold. Thanks.

Date: Sun, 22 Feb 1998 16:33:15
From: Mark Kesner <marklori@visuallink.com>
To: qrp-1@Lehigh.EDU
Subject: [4619] DSP Help
Message-ID: <3.0.3.16.19980222163315.3837b2e8@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to everyone for the responses. I have a few places to go look now
so won't tie up anymore bandwidth for now. Mark KC4GIA

Date: Mon, 23 Feb 1998 15:44:14 -0600
From: "Dick Schneider" <rschneid@ix19.ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [4620] FS: Ten Tec Argonaut 505 CW/SSB Station QRP/QRO
Message-ID: <199802232249.QAA11082@dfw-ix9.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: Ten Tec Argonaut 505 CW/SSB Station QRP/QRO

Classic QRP CW/SSB station. In excellent condition. No modifications.
Realigned and refurbished recently by Ten Tec. QRO (50W) option
included.

3-5 Watts output
80-10 Meters - NO WARC BANDS

Includes:
Argonaut 505 CW/SSB transceiver
TT 251 matching power supply
TT 405 linear amp - 50 Watts
TT 207 matching ammeter

\$525 including shipping to CONUS

Email replies to rschneid@ix.netcom.com
72/73 Dick AB0CD..

Date: Mon, 23 Feb 1998 22:36:47 +0000
From: Dick G0BPS <R00@kanga.demon.co.uk>
To: chas@digizen.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4621] Re: FS- Books
Message-ID: <sMXWtJA\$nf80Ewdj@kanga.demon.co.uk>
MIME-Version: 1.0

In message <34F1F0A4.77E8@digizen.net>, Charles Kadesch
<chas@digizen.net> writes
>-Refections by Walter Maxwell (1990). No longer in print by ARRL
>and hard to find. Classic volume on transmission lnes, antenna
>matching, baluns, etc. 24 chapters. Excellent condition. \$25
>
>-ARRL Antenna Book -14th Edition. Hardback. Very good condition \$15

WOW.... I didn't know how much these are worth!

I can highly recommend either to any antenna builder.

Mind you, I wouldn't part with my copies. I use them too much,
along with the other 18 other books on antennas etc.. !

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Mon, 23 Feb 1998 18:14:51 -0500
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4622] Re: Cable for paddles?
Message-ID: <34F202EA.6A878950@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Maliniak wrote:

>can't find a three-conductor cable that's small enough in
> outside diameter and that possesses a high degree of flexibility.

>From my junk box, an already disabled, cheap stereo headset.
That's when I knew there was a reason for keeping such junk.
If anything, cable was too small in diameter, hard to work with.
Bonus, jack was already connected. I'll be looking for another
one at the next hamfest, cheap. You may have a friend that
would love to part with such a thing.

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / | \
    /  |  \
   /_ | _\
  /_ | _\
 [ \ - - - - - /
```

Date: Mon, 23 Feb 1998 18:08:06 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: qrp-l@Lehigh.EDU
Subject: [4623] FS: HW-9 station
Message-ID: <199802232314.SAA22881@mercury.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

I'm posting the following for a friend who is not a "list" member, so if
there's any interest, please respond directly and *not* to me.

HW-9 w/ WARC bands
Active Audio Filter # HD-1418
HM-9 Wattmeter
HFT-9A Antenna Tuner
PSA-9 Power Supply

His price for the above is \$450.00 plus shipping from central Mass.

Pls. direct all inquiries to Bob McArthur (K1QT) at < K1QT@juno.com >

Thanks & 73-- Phil (K1HS)

Date: Mon, 23 Feb 1998 17:07:36 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: fifield@pacbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4624] Re: CW Weekend To Remember!
Message-ID: <34F20138.4AF9826B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To all the gang:

I too agree that it is a weekend to remember on CW. I have read a number of posts where the operator gave up on QRP and went to QRO. I was only able to operate the last 2 hours of the contest on Sunday and made 20 QSOs with my Ten Tec Argonaut II and 5 watts. 16 were on 15 M and 4 on 10 M. It was nice to see 10 come open for a change!

I was able to add Japan now to my QRP DXCC worked list. And I know they are universally great QSLers so am looking forward to get another one QSL'ed! If I get a card from one of them and the card from the Mozambique station I worked earlier this week I will have 87 QSL'ed! Getting closer by the day now!

I think if you have patience you can work DX stations and even break pile ups. I have done both and I don't use any big antennas. My antennas are a 10 M dipole hidden in my attic and a 40 M inverted vee against the back of my house. So nothing elaborate here. Just a lot of luck and propagation!

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Mon, 23 Feb 1998 17:25:14 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [4625] Ant, QRP, DX
Message-ID: <199802232325.RAA01795@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:

Although my last antenna project went south (lucky devil) at my last qth here in maine I put up some wire loops, on twenty. made a deltal loop quad out of them and proceeded to fill the log with only dx contacts & 4 watts.

This was a wire ant held up by ropes in the trees and I guess the top of it was only about thirty to thirty five feet tall with the bottom of the loops about ten or so feet off the ground.

Way back in louisiana I had a four element quad up twenty five feet in the center and worked all states, all continents and treated the argonaut 509 like a kw station. Later I checked the output and found it to be two watts and that was going through 100 feet of rg58u to get to the antenna for twenty, fifteen and ten...

Now I have the 80 meter dipole and I work what I can...

YES!!! The antenna makes the station... With the understanding that a better op could do a better job with the same ant... I say from my personal experience, the antenna makes the station... and the op makes the best of the antenna...

my two cents worth :-)

joel... waiting for the foot to fifteen inches of sneaux coming tonite... wa5cvm

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

80 mtr dipole up 50ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Mon, 23 Feb 1998 17:28:51 -0600

From: Jay Bromley <w5jay@cei.net>

To: khamilton@cisnet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [4626] Re: WTB: Index QRP+ with Companion

Message-ID: <34F20633.2CEC@cei.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Keith M. Hamilton wrote:

>

> Looking for a mint QRP+ with the QRP Companion!

>

> Will buy for a fair price. Please email if you have
>

> a rig to sell. Thanks!

>

> Keith M. Hamilton

> khamilton@cisnet.com

Hi Keith,

Did you ever find a the Index Plus or the Companion??

I have the rig but not the tuner.

If you found them how do you like the set?

73 de w5jay or Jay..

w5jay@cei.net

Date: Mon, 23 Feb 1998 16:40:48 -0700

From: Brad Mugleston <bmug@gw1.com>

To: "'qrp-1'" <qrp-1@Lehigh.EDU>

Subject: [4627] I'm HERE

Message-ID: <01BD4079.CC152440@pps-pc10.gw1.com>

Gang,

Due to an unbelievable heavy work load I haven't been able to keep up with this list, even on digest, so if someone has the time could you let me know if there is anything going on I really don't want to miss out on?

One thing is the CLASS that is starting, I don't want to miss out on that and any practice sessions before it starts.

Thanks

de KB0ROL, Brad

PS write directly to me, I won't see it in the Digest for a few months.

Date: Mon, 23 Feb 1998 16:42:11 -0700

From: Jim Sweeden@beavton.k12.or.us (Jim Sweeden)

To: qrp-1@Lehigh.EDU

Subject: [4628] HW-8 manual/help

Message-ID: <80059454.52952910@beavton.k12.or.us>

Picked up a HW-8 at a swap meet over the weekend but it didn't come with a manual. Anyone out there have one you would like to part with or copy? I will be happy to compensate you for your efforts. This one works but needs some help as doesn't hear as well as I think it should and the output may be on the low side. Any information on this rig or sources of information would be greatly appreciated. I'm currently looking through the archives for info but have no problem with instant gratification:-) Please e-mail direct unless you feel the list would benefit. Thanks in advance for your help.

72, Jim

--

Beaverton School District
Beaverton, Oregon

End of QRP-L Digest 1010
